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TI Solidification of radioactive washing wastewaters
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PA Nippon Atomic Industry Group Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 3 pp.
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LA Japanese
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CC 71-11 (Nuclear Technology)
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CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 60133399	ICM	G21F009-16
	ICS	C02F001-00

AB Radioactive washing wastewaters are solidified by concentrating the wastewaters, mixing with active C, and cementing. The method is applicable to washing wastewaters of clothes from atomic power stations. Thus, a radioactive **wastewater** using Tosna **Soap** H (detergent, from Nippon Oil and Fats Co., Ltd.) containing ethylene oxide surfactant 10, EDTA Na salt 8.7, poly(vinylpyrrolidone) 1.0, and water 80.3% was concentrated to obtain a concentrate (8% concentration), 50 L of which was kneaded with 17 kg Nittan

140BW (active C, from Hitachi Activated Carbon Mfg. Co., Ltd.), mixed with 100 kg **cement**, kneaded for 10 min, and cured for 28 days to obtain a solid with sp. gr. 1.78 and compressive strength 307 kg/cm².

ST solidification radioactive washing wastewater clothes; active carbon radioactive wastewater solidification; **cement** carbon radioactive wastewater solidification

IT **Cement**.
(radioactive laundering wastewater solidification in)

IT Detergents